

Storm Data and Unusual Weather Phenomena - April 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ILLINOIS, South				
WHITE COUNTY --- 1.8 N TRUMBULL [38.11, -88.23], 2.2 NE TRUMBULL [38.11, -88.21]				
	04/03/14 07:30 CST		50K	Tornado (EF1, L: 0.99 mi , W: 90 yd)
	04/03/14 07:33 CST		0	Source: NWS Storm Survey
At a home with an attached garage, the roof was lifted and partially separated from the walls. A large 42-by-66 foot machine shed with an attached lean-to was partially unroofed, and the doors were blown inward. Several small outbuildings were overturned. Approximately a dozen trees, mainly pine trees, were snapped or uprooted. Some debris was blown at least one-half mile away. The most intense damage occurred on County Road 1560N, northwest of Carmi. Peak winds were estimated near 100 mph.				
WILLIAMSON COUNTY --- 1.1 SW TIMMONS [37.71, -88.98], 2.4 NW NEW DENISON [37.71, -88.88], 1.9 E SPILLERTOWN [37.77, -88.89], 1.2 WSW FERGES TOWN [37.78, -88.99]				
	04/03/14 08:40 CST		0	Flash Flood (due to Heavy Rain)
	04/03/14 11:00 CST		0	Source: Trained Spotter
Water was over several city streets in Marion.				
WHITE COUNTY --- 0.5 N SUMPTER [38.16, -88.22], 1.4 ENE BROWNSVILLE [38.04, -88.23], 1.5 S EPWORTH [38.05, -88.10], 2.5 SW CROSSVILLE [38.15, -88.11]				
	04/03/14 08:45 CST		0	Flash Flood (due to Heavy Rain)
	04/03/14 11:00 CST		0	Source: Trained Spotter
Several streets were covered by water in Carmi. Running water was across numerous roads in the county.				
FRANKLIN COUNTY --- 1.4 ESE REND CITY [38.03, -88.95], 1.3 N STEEL CITY [38.02, -88.88], 0.3 W GROAT [37.97, -88.88], 2.1 SW ZEIGLER [37.88, -89.08], 1.8 WNW ZEIGLER [37.91, -89.08]				
	04/03/14 08:55 CST		0	Flash Flood (due to Heavy Rain)
	04/03/14 10:15 CST		0	Source: Emergency Manager
Water was over many side streets in Benton, but none were closed. Water was over Highways 148 and 149 in several spots.				
GALLATIN COUNTY --- 2.0 WSW EQUALITY [37.72, -88.37], 4.6 NW EQUALITY [37.77, -88.40], 2.9 NNW EQUALITY [37.77, -88.36], 0.4 NNE EQUALITY [37.74, -88.33]				
	04/03/14 09:35 CST		0	Flash Flood (due to Heavy Rain)
	04/03/14 11:15 CST		0	Source: Trained Spotter
Lots of running water was across Highway 142 in the city limits.				
SALINE COUNTY --- 0.7 ENE BEULAH HGTS [37.80, -88.46], 1.1 SSE ELDORADO [37.80, -88.42], 0.5 NNE ELDORADO [37.83, -88.42], 1.3 WNW ELDORADO [37.83, -88.45]				
	04/03/14 10:49 CST		0	Flash Flood (due to Heavy Rain)
	04/03/14 11:30 CST		0	Source: Trained Spotter
Water was flowing over several roads in the city limits.				
JEFFERSON COUNTY --- 1.9 WNW MARLOW [38.33, -88.81], 2.0 N MT VERNON ARPT [38.35, -88.87], 1.9 WNW MT VERNON [38.33, -88.93], 1.4 SSW MT VERNON [38.30, -88.91], 1.7 SE (MVN)MT VERNON ARPT [38.30, -88.85]				
	04/03/14 14:50 CST		0	Flash Flood (due to Heavy Rain)
	04/03/14 17:00 CST		0	Source: Trained Spotter
A trained spotter reported a creek was overflowing in his back yard after 2.3 inches of rain fell.				
SALINE COUNTY --- ELDORADO [37.82, -88.43]				
	04/03/14 18:20 CST		0	Hail (0.75 in)
	04/03/14 18:20 CST		0	Source: Public
JACKSON COUNTY --- 3.3 W MURPHYSBORO [37.77, -89.39]				
	04/03/14 19:24 CST		0	Hail (1.75 in)
	04/03/14 19:24 CST		0	Source: Emergency Manager

Storm Data and Unusual Weather Phenomena - April 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
UNION COUNTY --- 2.4 SSW KAOLIN [37.47, -89.31], 2.2 S KAOLIN [37.47, -89.31]				
	04/03/14 19:40 CST		8K	Tornado (EF0, L: 0.27 mi , W: 50 yd)
	04/03/14 19:41 CST		0	Source: NWS Storm Survey
Two barns sustained partial loss of roof and wall metal panels . Two individuals witnessed the tornado . The tornado occurred along Route 146 near the intersection of Route 127. Peak winds were estimated near 75 mph.				
UNION COUNTY --- 0.7 NNE WESTERN SARATOGA [37.51, -89.17], 0.7 SSE PROGRESS [37.57, -89.12]				
	04/03/14 19:52 CST		7K	Tornado (EF0, L: 5.03 mi , W: 85 yd)
	04/03/14 19:59 CST		0	Source: NWS Storm Survey
A storm damage survey conducted by National Weather Service meteorologists indicated mainly tree damage along the tornado path . There was loss of roofing material from an outbuilding. A few hardwood trees were uprooted . Branches were broken off. The tornado occurred on Shawnee National Forest property. Peak winds were estimated near 80 mph.				
UNION COUNTY --- 2.0 NW LICK CREEK [37.54, -89.09], 1.3 E WAYSIDE [37.57, -89.05]				
	04/03/14 20:00 CST		7K	Tornado (EF0, L: 3.18 mi , W: 75 yd)
	04/03/14 20:06 CST		0	Source: NWS Storm Survey
A National Weather Service damage survey indicated only tree damage along the tornado path , which ran parallel to and just northwest of Interstate 57. The tornado occurred in wooded areas of national forest property. Branches were broken. Hardwood trees were uprooted near the end of the damage path. Peak winds were estimated near 80 mph.				
WILLIAMSON COUNTY --- 1.4 NNE PULLEYS MILL [37.62, -88.89], 2.2 NNE PULLEYS MILL [37.63, -88.88]				
	04/03/14 20:25 CST		10K	Tornado (EF1, L: 0.77 mi , W: 50 yd)
	04/03/14 20:27 CST		0	Source: NWS Storm Survey
Roofing from two barns was torn off. One hardwood tree was uprooted. Some branches were blown down. This small tornado occurred between Creal Springs and Lake of Egypt. Peak winds were estimated near 95 mph.				
PERRY COUNTY --- 5.0 E DU QUOIN [38.02, -89.14]				
	04/03/14 20:26 CST		0	Hail (1.00 in)
	04/03/14 20:26 CST		0	Source: Trained Spotter
FRANKLIN COUNTY --- 1.0 S SESSER [38.09, -89.05]				
	04/03/14 20:30 CST		0	Hail (0.88 in)
	04/03/14 20:30 CST		0	Source: Trained Spotter
UNION COUNTY --- 1.0 NW COBDEN [37.54, -89.26], 0.8 WSW COBDEN [37.53, -89.26], 0.2 SSE COBDEN [37.53, -89.25], 0.8 NNE COBDEN [37.54, -89.25]				
	04/03/14 20:33 CST		80K	Flash Flood (due to Heavy Rain)
	04/04/14 03:00 CST		0	Source: Emergency Manager
Numerous vehicles were swept off the roadway. A home was flooded, with water as high as the electrical panel. One homeowner was rescued.				
GALLATIN COUNTY --- 0.8 W OMAHA [37.88, -88.31], 0.3 ENE OMAHA [37.88, -88.30], 1.3 NNE OMAHA [37.90, -88.30], 1.5 NNW OMAHA [37.90, -88.32]				
	04/03/14 20:44 CST		2K	Flash Flood (due to Heavy Rain)
	04/04/14 05:00 CST		0	Source: Emergency Manager
Major flash flooding was reported in the community. Highway 1 was under water.				
GALLATIN COUNTY --- 3.0 NE RIDGWAY [37.81, -88.23]				
	04/03/14 20:44 CST		0	Funnel Cloud
	04/03/14 20:44 CST		0	Source: Emergency Manager
JOHNSON COUNTY --- 1.1 E NEW BURNSIDE [37.58, -88.75]				
	04/03/14 20:46 CST		0	Funnel Cloud
	04/03/14 20:46 CST		0	Source: Trained Spotter

A large funnel cloud was reported one mile east of U.S. Highway 45.

Storm Data and Unusual Weather Phenomena - April 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
SALINE COUNTY --- 1.3 NNW HARRISBURG [37.75, -88.56], 0.6 ESE INGRAMS [37.72, -88.56], 0.9 SSE GASKINS CITY [37.72, -88.52], 2.1 E ELDORADO [37.82, -88.39], 2.0 NW ELDORADO [37.84, -88.46]				
	04/03/14 21:00 CST		0.20M	Flash Flood (due to Heavy Rain)
	04/04/14 05:00 CST		0	Source: Trained Spotter
Widespread flash flooding occurred in the cities of Harrisburg and Eldorado. Multiple streets were under water and residences were flooded in Harrisburg. Most of the flooding occurred on the southeast side of town. In Eldorado, vehicles were stranded and several homes were evacuated. Vehicle rescues were performed along U.S. Highway 45. Sections of Route 45 were under one to two feet of water. Several businesses received water damage.				
JOHNSON COUNTY --- 1.4 W BELKNAP [37.32, -88.95]				
	04/03/14 21:10 CST		0	Funnel Cloud
	04/03/14 21:10 CST		0	Source: Public
WILLIAMSON COUNTY --- 0.7 N SCOTSBORO [37.74, -88.95], 1.5 ENE MARION [37.74, -88.91], 1.9 SE MARION [37.71, -88.90], 1.0 S SCOTSBORO [37.72, -88.95]				
	04/03/14 21:13 CST		5K	Flash Flood (due to Heavy Rain)
	04/04/14 05:00 CST		0	Source: Trained Spotter
Major street flooding was reported in Marion. A large amount of running water was over some streets.				
JEFFERSON COUNTY --- 2.3 NNW BOYD [38.45, -89.04]				
	04/03/14 21:49 CST		0	Hail (0.88 in)
	04/03/14 21:49 CST		0	Source: Trained Spotter
JOHNSON COUNTY --- GOREVILLE [37.55, -88.97]				
	04/03/14 22:28 CST		0	Thunderstorm Wind (EG 52 kt)
	04/03/14 22:28 CST		0	Source: Trained Spotter
A trained spotter estimated winds gusted up to 60 mph.				
UNION COUNTY --- COBDEN [37.53, -89.25], 2.2 NNE WOLF LAKE [37.53, -89.41], 2.8 SSW REYNOLDSVILLE [37.33, -89.42], 4.3 SE DONGOLA [37.33, -89.11], 0.6 W LICK CREEK [37.52, -89.08]				
	04/04/14 03:00 CST		0	Flood (due to Heavy Rain)
	04/04/14 18:00 CST		0	Source: Law Enforcement
Numerous roads remained underwater due to the heavy rain over the previous 24 hours.				
SALINE COUNTY --- GALATIA [37.83, -88.62], 2.8 SSE TEXAS CITY [37.83, -88.36], 1.3 ENE HORSESHOE [37.70, -88.36], 1.0 NE CARRIERS MILLS [37.69, -88.64]				
	04/04/14 05:00 CST		20K	Flood (due to Heavy Rain)
	04/04/14 18:00 CST		0	Source: Law Enforcement
As a result of heavy rain over the previous 24 hours, many roads were still underwater, including portions of U.S. Highway 45. Several vehicles were abandoned. Some homes were evacuated.				
WILLIAMSON COUNTY --- HERRIN [37.80, -89.03], 2.2 W CHAMNESS [37.68, -89.02], 0.4 NE SARAVILLE [37.67, -88.80], 1.2 ESE HALFWAY [37.80, -88.80]				
	04/04/14 05:00 CST		0	Flood (due to Heavy Rain)
	04/04/14 18:00 CST		0	Source: Law Enforcement
Numerous roads remained underwater due to the heavy rain over the previous 24 hours.				
WAYNE COUNTY --- WAYNE CITY [38.35, -88.58], 1.1 ENE WAYNE CITY [38.36, -88.56], 3.5 SSE SIMS [38.32, -88.51], 1.3 S BARNHILL [38.26, -88.37], 3.1 SW BARNHILL [38.25, -88.41], 2.9 N MAYBERRY [38.31, -88.55]				
	04/04/14 10:00 CST		10K	Flood (due to Heavy Rain)
	04/07/14 04:30 CST		10K	Source: River/Stream Gage
Major flooding occurred along the Skillet Fork River. At the Wayne City river gage, the river crested at 20.28 feet on the 5th. This crest was about one-half foot above the January, 2013 flood crest. Flood stage there is 15 feet, and major flooding begins at 20 feet. Numerous roads were flooded, a few of which were impassable. There was widespread flooding of low-lying fields and woodlands.				

Storm Data and Unusual Weather Phenomena - April 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
----------	-----------	-------------------	---------------------	------------------------

Thunderstorms intensified within a zone of strong southerly low level winds that provided abundant warmth and moisture. These strong low level winds enhanced wind shear, which promoted the development of supercells with isolated tornadoes. The storms formed near a warm front that was draped across southeast Missouri, southern Illinois, and western Kentucky. The storms occurred within a moist and moderately unstable air mass along and behind the warm front. The strong moisture feed contributed to torrential downpours that produced flash flooding in a number of counties. There was some major flash flooding in a corridor from Union County to Saline and Gallatin Counties during the evening.

WHITE COUNTY --- CARMi [38.08, -88.17], 1.0 SSE CARMi MUNI ARPT [38.09, -88.14], 2.2 WSW EPWORTH [38.06, -88.14], 3.1 SSW CARMi [38.04, -88.19], 1.9 SW CARMi [38.06, -88.20]

04/04/14 10:00 CST	10K	Flood (due to Heavy Rain)
04/20/14 01:45 CST	10K	Source: River/Stream Gage

Moderate flooding occurred along the Little Wabash River. At the Carmi river gage, the river crested at 33.19 feet on the 11th. This crest was about one-half foot above the flood crest in March of 2011. Flood stage is 27 feet, and moderate flooding begins at 32 feet. Some county roads were inundated. Floodwaters backed up McHenry slough. Areas near Routes 1 and 14 in Carmi began to flood. There was considerable flooding of low-lying fields and woodlands near the river.

WABASH COUNTY --- KEENSBURG [38.35, -87.87], 2.9 SSW COWLING [38.28, -87.95], 3.4 ESE COWLING [38.30, -87.87], 1.8 SSE MT CARMEL [38.40, -87.76], 1.6 S MT CARMEL [38.40, -87.77]

04/04/14 19:00 CST	20K	Flood (due to Heavy Rain)
04/19/14 09:00 CST	20K	Source: River/Stream Gage

Moderate flooding occurred along the Wabash River. At the Mount Carmel river gage, the river crested at 27.14 feet on the 11th. Flood stage is 19 feet, and moderate flooding begins at 25 feet. Extensive agricultural flooding occurred in areas that are not protected by levees. Three Illinois township roads south of Illinois 1 between Keensburg and Grayville were flooded for a total of 10 miles, blocking access to oil fields. The flooding necessitated relocations of cattle and some farm equipment to higher ground. Numerous local river roads were flooded. Some mobile homes were moved to higher ground. Installation of flood gate A was required at Mount Carmel. Access to local camp sites was blocked by the gate, but there was minimal impact to commercial activities because of the gate closure.

FRANKLIN COUNTY --- 1.4 S ZEIGLER JCT [37.90, -89.02], 1.8 SSW ZEIGLER [37.87, -89.06], 2.2 S ZEIGLER [37.87, -89.05], 1.6 WSW PLUMFIELD [37.87, -89.03], 1.4 NW PLUMFIELD [37.90, -89.01]

04/04/14 22:15 CST	0	Flood (due to Heavy Rain)
04/10/14 12:00 CST	0	Source: River/Stream Gage

Minor flooding occurred along the Big Muddy River. Low-lying woods and fields near the river were inundated.

GALLATIN COUNTY --- SHAWNEETOWN [37.70, -88.13], 3.8 NE SHAWNEETOWN [37.73, -88.07], 4.3 NE SHAWNEETOWN [37.74, -88.07], 0.4 NNE SHAWNEETOWN [37.71, -88.13]

04/05/14 01:00 CST	0	Flood (due to Heavy Rain)
04/17/14 22:30 CST	10K	Source: River/Stream Gage

Minor flooding occurred along the Ohio River, affecting mainly bottomland fields and surrounding low lying areas. The boat ramp and parking lot at Old Shawneetown were under water.

WHITE COUNTY --- MAUNIE [38.03, -88.05], 1.8 E MAUNIE [38.03, -88.02], 0.4 ESE RISING SUN [38.00, -88.02], 1.2 S RISING SUN [37.98, -88.03]

04/05/14 01:00 CST	0	Flood (due to Heavy Rain)
04/20/14 10:30 CST	0	Source: River/Stream Gage

Minor flooding occurred along the Wabash River. Low-lying fields near the river were inundated. A few county roads were flooded.

JACKSON COUNTY --- 1.3 W MT CARBON [37.75, -89.35], 2.9 W MURPHYSBORO [37.76, -89.38], 3.1 W MURPHYSBORO [37.77, -89.39], 2.3 W MURPHYSBORO [37.77, -89.37], 1.5 WNW MT CARBON [37.76, -89.36]

04/05/14 16:00 CST	0	Flood (due to Heavy Rain)
04/13/14 23:00 CST	0	Source: River/Stream Gage

Moderate flooding occurred along the Big Muddy River. At the Murphysboro river gage, the river crested at 29.20 feet on the 8th. This crest was about one-half foot above the March 2013 flood crest. Flood stage is 22 feet, and moderate flooding begins at 28 feet. Low-lying fields and woodlands were underwater, including small parts of Riverside Park.

ALEXANDER COUNTY --- 2.8 ESE CAIRO [36.98, -89.13], 2.3 SE CAIRO [36.98, -89.15], 1.0 ESE CAIRO [36.99, -89.16], 1.4 E CAIRO [37.00, -89.15]

04/06/14 11:00 CST	0	Flood (due to Heavy Rain)
04/17/14 06:00 CST	20K	Source: River/Stream Gage

Storm Data and Unusual Weather Phenomena - April 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Minor flooding occurred along the Ohio River. Riverside access roads were underwater, along with sections of a park. Some agricultural land was flooded.				
PULASKI COUNTY --- OLMSTED [37.18, -89.08], 2.1 S NEW GRAND CHAIN [37.22, -89.02], 3.1 S KARNAK [37.24, -88.96], 3.3 ESE NEW GRAND CHAIN [37.23, -88.97]				
	04/06/14 23:00 CST		0	Flood (due to Heavy Rain)
	04/17/14 01:00 CST		0	Source: River/Stream Gage
Minor flooding occurred along the Ohio River. Low-lying woods and fields were inundated, including portions of riverside parks and recreation areas.				
MASSAC COUNTY --- BROOKPORT [37.12, -88.63], 0.4 NNW BROOKPORT [37.12, -88.63], 1.4 E METROPOLIS [37.15, -88.70], 1.6 ESE METROPOLIS [37.14, -88.70]				
	04/07/14 17:00 CST		5K	Flood (due to Heavy Rain)
	04/16/14 17:00 CST		0	Source: River/Stream Gage
Minor flooding occurred along the Ohio River. Low-lying woods near the river were flooded, including sections of Fort Massac State Park. Boat ramps and other river access points were underwater.				
POPE COUNTY --- GOLCONDA [37.37, -88.48], 0.3 WNW GOLCONDA [37.37, -88.48], 1.9 SSW GOLCONDA [37.34, -88.49], 1.8 S GOLCONDA [37.34, -88.48]				
	04/08/14 20:00 CST		0	Flood (due to Heavy Rain)
	04/15/14 02:00 CST		0	Source: River/Stream Gage
Minor flooding occurred along the Ohio River. Low-lying fields and a few county roads were inundated. Riverside access roads were underwater.				
Heavy rainfall during the first week of April caused most of the region's rivers to rise. Many rivers experienced minor to moderate flooding.				
(IL-Z075) JEFFERSON, (IL-Z076) WAYNE, (IL-Z080) PERRY, (IL-Z081) FRANKLIN, (IL-Z082) HAMILTON, (IL-Z084) JACKSON, (IL-Z085) WILLIAMSON, (IL-Z086) SALINE, (IL-Z088) UNION, (IL-Z089) JOHNSON, (IL-Z092) ALEXANDER, (IL-Z093) PULASKI				
	04/15/14 04:00 CST		0	Frost/Freeze
	04/15/14 06:00 CST		60K	
High pressure extending from the middle Missouri Valley to the southern Plains brought unseasonably cold air and a rare mid-April freeze. Except for those counties bordering Indiana or Kentucky, low temperatures were in the lower 30's. Lows were 30 degrees at Mount Vernon, 31 degrees at Carbondale, and 32 degrees at Fairfield, Marion, and Harrisburg.				
(IL-Z075) JEFFERSON, (IL-Z076) WAYNE, (IL-Z077) EDWARDS, (IL-Z078) WABASH, (IL-Z080) PERRY, (IL-Z081) FRANKLIN, (IL-Z082) HAMILTON, (IL-Z083) WHITE, (IL-Z084) JACKSON, (IL-Z085) WILLIAMSON, (IL-Z086) SALINE, (IL-Z087) GALLATIN, (IL-Z088) UNION, (IL-Z089) JOHNSON, (IL-Z090) POPE, (IL-Z091) HARDIN, (IL-Z092) ALEXANDER, (IL-Z093) PULASKI, (IL-Z094) MASSAC				
	04/16/14 01:00 CST		0	Frost/Freeze
	04/16/14 07:00 CST		95K	
High pressure moved east across the Ohio Valley, bringing unseasonably cold air and widespread freezing temperatures. Lows were from 28 to 32 degrees at many locations in southern Illinois. The coldest observed temperature was 28 degrees at the Mount Vernon airport. Other lows included 31 degrees at the Carbondale airport and at Metropolis.				
JACKSON COUNTY --- 1.5 SSW MT CARBON [37.73, -89.34], 1.4 ESE MT CARBON [37.74, -89.31]				
	04/24/14 21:45 CST		35K	Tornado (EF1, L: 2.21 mi , W: 100 yd)
	04/24/14 21:49 CST		0	Source: NWS Storm Survey
The tornado damage was mostly along Highway 127, where a large portion of a farm shed roof was blown off. The metal roofing and attached wooden roof framing was lofted into trees up to several hundred feet away. A large utility pole was broken along Highway 127. At this location and elsewhere along the path, several trees or tree limbs were broken, along with other minor damage. The tornado lifted just northeast of Old Highway 13. Peak winds were estimated near 90 mph.				
An isolated tornado formed in association with a severe thunderstorm that was along a line of weaker showers and storms over southwest Illinois. A compact, fairly potent 500 mb shortwave trough moved east-northeast across Missouri and northern Arkansas as it assumed a slight negative tilt. This trough provided plenty of upper-level support for the convective activity. A surface low pressure center consolidated and deepened as it tracked from central Missouri into central Illinois. The trailing cold front served to focus thunderstorm development in the moistening low-level environment over southern Illinois.				
WILLIAMSON COUNTY --- 2.5 S MARION [37.69, -88.93]				
	04/27/14 10:53 CST		0	Hail (0.75 in)
	04/27/14 10:53 CST		0	Source: Trained Spotter

Storm Data and Unusual Weather Phenomena - April 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
FRANKLIN COUNTY --- BENTON [38.00, -88.92]				
	04/27/14 11:30 CST		0	Heavy Rain
	04/27/14 12:30 CST		0	Source: Emergency Manager
Numerous roads became covered with water during a thunderstorm in Benton.				
JEFFERSON COUNTY --- 4.0 SW MT VERNON [38.28, -88.95]				
	04/27/14 11:42 CST		20K	Thunderstorm Wind (EG 70 kt)
	04/27/14 11:42 CST		0	Source: Emergency Manager
Several large trees and two outbuildings were blown down. The damage occurred along Illinois Route 148.				
JEFFERSON COUNTY --- MT VERNON [38.32, -88.90]				
	04/27/14 11:42 CST		0	Hail (0.75 in)
	04/27/14 11:42 CST		0	Source: Trained Spotter
PULASKI COUNTY --- KARNAK [37.28, -88.97]				
	04/27/14 22:10 CST		3K	Thunderstorm Wind (EG 52 kt)
	04/27/14 22:10 CST		0	Source: Trained Spotter
Several trees from 8 to 12 inches in diameter were blown down.				
A few severe thunderstorms occurred during the afternoon and evening hours. A powerful mid-level shortwave trough and its associated 70-80 knot jet streak translated from the southern high Plains into the upper Midwest. On the heels of this initial shortwave trough, a channeled vorticity maximum and attendant 70-knot jet streak progressed across the southern Plains into southwest Missouri. In association with these features, a 40 to 50 knot southerly low-level jet became established over the Mississippi Valley. Isolated severe thunderstorms occurred during the early afternoon hours near a surface warm front lifting north across southern Illinois. During the evening, isolated severe storms occurred ahead of a cold front surging eastward across the Ozark Mountains.				
INDIANA, Southwest				
WARRICK COUNTY --- NEWBURGH [37.95, -87.42]				
	04/03/14 00:00 CST		0	Heavy Rain
	04/03/14 22:59 CST		0	Source: Trained Spotter
A trained spotter reported a 24-hour rainfall of 4.17 inches. Standing water was over several town streets. The streets were still passable. Drainage ditches were over their banks in numerous locations.				
VANDERBURGH COUNTY --- 0.8 WNW STRINGTOWN [38.03, -87.58], 0.7 E ERSKIN [38.05, -87.52], 3.9 SE EVANSVILLE [37.94, -87.50], 1.1 SSE HOWELL [37.95, -87.62]				
	04/03/14 16:14 CST		0.35M	Flash Flood (due to Heavy Rain)
	04/04/14 05:00 CST		0	Source: Trained Spotter
Widespread flash flooding of streets and highways occurred in Evansville. A couple of major highways were impassable. The Lloyd Expressway was impassable at Highway 41. Vehicles were abandoned. At the Perry Township fire station, floodwaters in the station were up to the bumpers of the trucks, about 3 to 4 feet deep. The parking area was washed away, exposing a natural gas line approximately three feet deep. A number of Evansville houses had major damage, such as basement walls collapsed. Small streams were well out of their banks. Water was shooting out of sewers. Water was flowing over numerous roads in Evansville. A storm total rainfall of 5.01 inches was reported along the Lloyd Expressway. An unofficial report of 6.00 inches was received on the southeast side of town.				
SPENCER COUNTY --- 0.6 SW ROCKPORT [37.87, -87.06], 1.1 NNW ROCKPORT [37.89, -87.06], 0.9 N ROCKPORT [37.89, -87.05], 0.5 SE ROCKPORT [37.87, -87.04]				
	04/03/14 16:47 CST		10K	Flash Flood (due to Heavy Rain)
	04/04/14 05:00 CST		0	Source: Public
Extensive street flooding occurred. There was significant flooding of Rockport city park. Storm total rainfall was 4.75 inches.				
POSEY COUNTY --- 0.7 SW MT VERNON [37.92, -87.91], 0.2 SSE MT VERNON ARPT [37.93, -87.88], 1.2 NNW MT VERNON ARPT [37.95, -87.89], 1.2 NNW MT VERNON [37.95, -87.91]				

Storm Data and Unusual Weather Phenomena - April 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	04/03/14 22:00 CST		0	Flash Flood (due to Heavy Rain)
	04/04/14 05:00 CST		0	Source: Trained Spotter

Roads were flooded with running water. Creeks were flowing out of their banks.

POSEY COUNTY --- MT VERNON [37.93, -87.90], 3.1 W WEST FRANKLIN [37.89, -87.78], 2.1 E OLIVER [38.03, -87.79], 1.5 S NEW HARMONY [38.11, -87.93], 1.7 SW UPTON [37.95, -87.99]

04/04/14 05:00 CST	0	Flood (due to Heavy Rain)
04/04/14 19:00 CST	0	Source: Law Enforcement

Some roads remained closed due to flooding.

SPENCER COUNTY --- ROCKPORT [37.88, -87.05], 0.5 SSW AFRICA [37.82, -87.07], 1.0 WNW ENTERPRISE [37.85, -87.20], 2.6 NNE LAKE MILL [37.96, -87.10], 1.0 N NEWTONVILLE [38.01, -86.95]

04/04/14 05:00 CST	0	Flood (due to Heavy Rain)
04/04/14 19:00 CST	0	Source: Law Enforcement

State Route 62 was closed from Gentryville to Dale due to flooding. Portions of State Routes 62 and 545 were closed near St. Meinrad.

VANDERBURGH COUNTY --- 2.0 SE EVANSVILLE [37.96, -87.52], 1.2 ESE BELKNAP [37.97, -87.66], 0.7 S NISBET [38.14, -87.65], 2.4 W ELLIOTT [38.13, -87.51]

04/04/14 05:00 CST	0	Flood (due to Heavy Rain)
04/04/14 19:00 CST	0	Source: Law Enforcement

Some low-lying areas remained flooded and streets remained closed.

Thunderstorms intensified within a zone of strong southerly low level winds that provided abundant warmth and moisture. The storms formed near a warm front that was draped across southern Illinois and western Kentucky. The storms occurred within a moist and moderately unstable air mass in the vicinity of the warm front. The strong moisture feed contributed to torrential downpours that produced pockets of flash flooding. Major flash flooding occurred in the Evansville area. Some main roads were flooded and impassable for up to 24 hours after the heavy rain. Storm total rainfall was locally from 4 to 6 inches, especially in the Evansville area and Warrick County.

PIKE COUNTY --- 0.1 SE PETERSBURG [38.50, -87.28], 1.2 NNE PETERSBURG [38.52, -87.28], 4.9 NNW ALGIERS [38.55, -87.19], 3.2 NW IVY [38.53, -87.16], 2.1 NNE IVY [38.53, -87.11], 1.2 NNE IVY [38.52, -87.11]

04/03/14 17:00 EST	10K	Flood (due to Heavy Rain)
04/17/14 06:00 EST	20K	Source: River/Stream Gage

Moderate flooding occurred along the White River. At the Petersburg river gage, the river crested at 24.87 feet on the 10th. This crest was just a few inches below the crest of 25.09 feet in January of 2007. Flood stage is 16 feet, and moderate flooding begins at 23.5 feet. Extensive bottomland flooding affected agricultural and rural residential areas. Several rural county roads flooded. A few residents moved out of an area locally known as Dodge City. Several small oil fields were inaccessible. Since this occurred primarily outside of agricultural season, little or no crop damage occurred. High water isolated some river cabin residents. State Road 257 was completely flooded.

GIBSON COUNTY --- 1.1 WSW GIRO [38.49, -87.49], 1.0 NNW HAZLETON [38.49, -87.54], 1.4 N HAZLETON [38.50, -87.53], 1.8 NE HAZLETON [38.50, -87.51]

04/04/14 04:00 CST	3K	Flood (due to Heavy Rain)
04/18/14 10:00 CST	20K	Source: River/Stream Gage

Moderate flooding occurred along the White River. At the Hazleton river gage, the river crested at 25.80 feet on the 11th. This was only a couple of inches lower than the crest of 26.0 feet in January of 2007. Flood stage at Hazleton is 16 feet, and moderate flooding begins at 24 feet. Flood gates are normally installed at Hazleton at 26 feet. People in residential cabins on the riverward side of the levee generally relocate at this level. Many local roads were completely impassable. Oil fields were inaccessible. Water began to come onto the street at the corner of West 2nd Street and Brown Street in the town of Hazleton. Extensive flooding of agricultural fields occurred. Since this flood occurred primarily outside of the growing season, little if any crop damage occurred.

GIBSON COUNTY --- EAST MT CARMEL [38.40, -87.73], 0.6 NE SKELTON [38.36, -87.77], 1.2 N SKELTON [38.37, -87.78], 1.0 WNW EAST MT CARMEL [38.41, -87.75]

04/04/14 19:00 CST	20K	Flood (due to Heavy Rain)
04/19/14 09:00 CST	20K	Source: River/Stream Gage

Storm Data and Unusual Weather Phenomena - April 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Moderate flooding occurred along the Wabash River. At the Mount Carmel river gage, the river crested at 27.14 feet on the 11th. Flood stage is 19 feet, and moderate flooding begins at 25 feet. Extensive agricultural flooding occurred in areas that are not protected by levees. Access to oil fields was blocked by high water. The flooding necessitated relocations of cattle and some farm equipment to higher ground. There was extensive lowland flooding in western Gibson County. Numerous local river roads were flooded. Some mobile homes were moved to higher ground. Flood waters affected residents of East Mt. Carmel, Indiana.				

WARRICK COUNTY --- 1.5 ESE NEWBURGH [37.94, -87.39], 1.6 ESE NEWBURGH [37.94, -87.40], 3.1 WSW DAYVILLE [37.93, -87.37], 3.0 WSW DAYVILLE [37.93, -87.37], 2.3 ESE NEWBURGH [37.94, -87.38]

04/04/14 19:45 CST	0	Flood (due to Heavy Rain)
04/12/14 09:15 CST	0	Source: River/Stream Gage

Minor flooding occurred along the Ohio River. Low-lying fields and woodlands near the river were inundated.

POSEY COUNTY --- 0.6 W NEW HARMONY [38.13, -87.94], 0.6 NNE NEW HARMONY [38.14, -87.93], 1.6 N NEW HARMONY [38.15, -87.93], 2.6 SSE GRIFFIN [38.16, -87.90], 0.6 ENE NEW HARMONY [38.13, -87.92]

04/05/14 01:00 CST	4K	Flood (due to Heavy Rain)
04/20/14 10:30 CST	10K	Source: River/Stream Gage

Minor flooding occurred along the Wabash River. Low-lying fields and woodlands near the river were inundated. Harmonie State Park was closed.

POSEY COUNTY --- 0.5 S MT VERNON [37.92, -87.90], 0.9 NE HOVEY [37.91, -87.92], 1.0 NNE HOVEY [37.91, -87.92], 0.5 SW MT VERNON [37.93, -87.91]

04/05/14 06:45 CST	0	Flood (due to Heavy Rain)
04/14/14 13:00 CST	0	Source: River/Stream Gage

Minor flooding occurred along the Ohio River. Low-lying fields and woodlands near the river were inundated.

GIBSON COUNTY --- 1.5 SE PATOKA [38.40, -87.56], 2.2 ESE PATOKA [38.40, -87.54], 3.1 NE PRINCETON [38.39, -87.54], 2.4 SSE PATOKA [38.39, -87.56], 1.5 S PATOKA [38.40, -87.58], 0.9 S PATOKA [38.41, -87.58]

04/06/14 19:45 CST	8K	Flood (due to Heavy Rain)
04/17/14 22:45 CST	0	Source: River/Stream Gage

Major flooding occurred along the Patoka River. Many roads were closed in the vicinity of the river, including State Route 64 between Oakland City and the Arthur area. At the river gage along the Patoka River just east of Patoka, the river crested at 22.34 feet on the 10th. This crest was just a few inches lower than the crest of 22.60 feet in January, 2005. Flood stage at Patoka is 18 feet, and major flooding begins at 22 feet.

Heavy rainfall during the first week of April caused most of the region's rivers to rise. Many rivers experienced minor to moderate flooding.

(IN-Z081) GIBSON, (IN-Z082) PIKE, (IN-Z085) POSEY, (IN-Z086) VANDERBURGH, (IN-Z087) WARRICK, (IN-Z088) SPENCER

04/16/14 01:00 CST	0	Frost/Freeze
04/16/14 07:00 CST	30K	

High pressure moved east across the Ohio Valley, bringing unseasonably cold air and widespread freezing temperatures. Lows were from 30 to 32 degrees at many locations in southwest Indiana. The low at the Evansville airport was 32 degrees.

KENTUCKY, Southwest

WEBSTER COUNTY --- DIXON [37.52, -87.70]

04/02/14 17:34 CST	0	Hail (1.00 in)
04/02/14 17:34 CST	0	Source: Law Enforcement

TRIGG COUNTY --- 1.0 NE LINTON [36.69, -87.89]

04/02/14 19:35 CST	0	Hail (0.75 in)
04/02/14 19:35 CST	0	Source: Trained Spotter

Dime-size hail accumulated to a depth of several inches.

Numerous thunderstorms developed along a warm front that extended roughly west to east across southern Missouri and western Kentucky. Some of these storms produced hail. Most of the hail was sub-severe with the exception of one or two storms.

Storm Data and Unusual Weather Phenomena - April 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
HENDERSON COUNTY --- 1.2 NW OHIORIVER ORDINANCE [37.81, -87.64], 0.5 ESE WEAVERTON [37.80, -87.59], 2.2 SE HENDERSON [37.81, -87.55], 2.8 NE HENDERSON [37.86, -87.55], 2.3 N HENDERSON [37.86, -87.58]				
	04/03/14 09:00 CST		0	Flash Flood (due to Heavy Rain)
	04/03/14 11:00 CST		0	Source: Trained Spotter
Water was over several intersections along U.S. Highway 41A in Henderson.				
DAVIESS COUNTY --- 0.5 SSW STANLEY [37.81, -87.25], 1.6 SW SORGH0 [37.73, -87.27], 2.4 NW MASONVILLE [37.69, -87.06], 0.6 NNE BROWNWOOD MANOR [37.76, -87.04]				
	04/03/14 12:29 CST		0	Flash Flood (due to Heavy Rain)
	04/03/14 14:00 CST		0	Source: Trained Spotter
Numerous roads were under water throughout the county.				
DAVIESS COUNTY --- 1.5 N STANLEY [37.84, -87.25], 1.6 SW STANLEY [37.81, -87.27], 1.6 SSW GRIFFITH [37.80, -87.23], 0.9 NNE GRIFFITH [37.83, -87.22]				
	04/03/14 15:03 CST		0	Flash Flood (due to Heavy Rain)
	04/03/14 18:00 CST		0	Source: Trained Spotter
A side street was flooded in Stanley. Cars were turning around.				
DAVIESS COUNTY --- OWENSBORO [37.77, -87.12], 1.4 SE GRIFFITH [37.80, -87.20], 1.2 N PANTHER [37.65, -87.23], 1.1 SSW RED HILL [37.61, -87.06], 0.9 NW SHORTS [37.73, -86.94]				
	04/04/14 01:00 CST		0	Flood (due to Heavy Rain)
	04/04/14 22:00 CST		0	Source: Department of Highways
Heavy rain over the previous 24 hours caused flooding of some roads, a few of which were impassable.				
HENDERSON COUNTY --- HENDERSON [37.83, -87.58], 1.1 WNW OHIORIVER ORDINANCE [37.81, -87.64], 1.1 NW CAIRO [37.71, -87.66], 2.2 NNE ROBARDS [37.70, -87.53], 0.4 ESE ZION [37.82, -87.47]				
	04/04/14 01:00 CST		0	Flood (due to Heavy Rain)
	04/04/14 22:00 CST		0	Source: Department of Highways
Some roads were flooded and impassable from the heavy rain over the previous 24 hours. These roads included a few main roads. U.S. Highway 60 was closed near the Union County line. A mudslide closed Kentucky Highway 414 for several hours.				
Thunderstorms intensified within a zone of strong southerly low level winds that provided abundant warmth and moisture. The storms formed near a warm front that was draped across southeast Missouri, southern Illinois, and western Kentucky. The storms occurred within a moist and moderately unstable air mass along and behind the warm front. The strong moisture feed contributed to torrential downpours that produced isolated flash flooding in the Henderson and Owensboro areas.				
MUHLBERG COUNTY --- PARADISE [37.27, -86.98], 0.3 WSW PARADISE [37.27, -86.99], 1.9 SE PARADISE [37.25, -86.96], 1.8 SE PARADISE [37.25, -86.95]				
	04/04/14 15:45 CST		0	Flood (due to Heavy Rain)
	04/09/14 17:45 CST		0	Source: River/Stream Gage
Minor flooding occurred along the Green River. Low-lying fields and woodlands near the river were inundated.				
UNION COUNTY --- 1.0 W UNIONTOWN [37.77, -87.95], 3.0 WNW UNIONTOWN [37.78, -87.98], 3.2 W UNIONTOWN [37.78, -87.99], 1.0 WSW UNIONTOWN [37.76, -87.95]				
	04/05/14 17:15 CST		0	Flood (due to Heavy Rain)
	04/16/14 14:15 CST		10K	Source: River/Stream Gage
Minor flooding occurred along the Ohio River. Low-lying fields and woodlands near the river were inundated.				
MCLEAN COUNTY --- CALHOUN [37.53, -87.27], 0.4 NE RUMSEY [37.52, -87.27], 0.6 W RUMSEY [37.52, -87.28], 2.0 W CALHOUN [37.53, -87.31], 1.6 WNW CALHOUN [37.54, -87.30]				
	04/07/14 06:45 CST		0	Flood (due to Heavy Rain)
	04/09/14 16:00 CST		20K	Source: River/Stream Gage
Minor flooding occurred along the Green River. Low-lying fields and woodlands were underwater.				

Storm Data and Unusual Weather Phenomena - April 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
----------	-----------	-------------------	---------------------	------------------------

Heavy rainfall during the first week of April caused the Green and Ohio Rivers to rise. These rivers experienced minor flooding.

MCCRACKEN COUNTY --- PADUCAH [37.08, -88.63]

04/13/14 22:23 CST	10K	Thunderstorm Wind (EG 65 kt)
04/13/14 22:23 CST	0	Source: NWS Storm Survey

A sixty-foot section of tin roof was removed from a car wash. A storm damage survey conducted by the National Weather Service determined the damage was caused by a microburst.

A squall line progressed eastward across western Kentucky, producing an isolated damaging microburst. The intensity of the squall line was limited by increasingly more stable air in its path. The squall line occurred in advance of a well-defined cold front over eastern Missouri. A 500 mb shortwave trough over the eastern Plains provided additional support for the storms.

(KY-Z001) FULTON, (KY-Z002) HICKMAN, (KY-Z003) CARLISLE, (KY-Z004) BALLARD, (KY-Z005) MCCRACKEN, (KY-Z006) GRAVES, (KY-Z007) LIVINGSTON, (KY-Z008) MARSHALL, (KY-Z009) CALLOWAY, (KY-Z010) CRITTENDEN, (KY-Z011) LYON, (KY-Z012) TRIGG, (KY-Z013) CALDWELL, (KY-Z014) UNION, (KY-Z015) WEBSTER, (KY-Z016) HOPKINS, (KY-Z017) CHRISTIAN, (KY-Z018) HENDERSON, (KY-Z019) DAVIESS, (KY-Z020) MCLEAN, (KY-Z021) MUHLENBERG, (KY-Z022) TODD

04/16/14 01:00 CST	0	Frost/Freeze
04/16/14 07:00 CST	0.11M	

High pressure moved east across the Ohio Valley, bringing unseasonably cold air and widespread freezing temperatures. Lows were from 28 to 32 degrees at many locations in western Kentucky. The coldest observed temperature was 28 degrees at the Henderson airport. Other lows included 30 degrees at Marion (Crittenden County), and 32 degrees at Paducah, Mayfield, and Providence.

MCLEAN COUNTY --- BEECH GROVE [37.62, -87.40]

04/27/14 13:05 CST	0	Thunderstorm Wind (MG 53 kt)
04/27/14 13:05 CST	0	Source: Mesonet

The Kentucky mesonet site in Mclean County measured a peak wind gust to 61 mph.

DAVIESS COUNTY --- OWENSBORO [37.77, -87.12]

04/27/14 13:55 CST	0	Heavy Rain
04/27/14 15:00 CST	0	Source: Trained Spotter

A thunderstorm with heavy rain caused some minor street flooding.

TODD COUNTY --- GUTHRIE [36.65, -87.17]

04/27/14 21:31 CST	0	Hail (1.00 in)
04/27/14 21:31 CST	0	Source: Emergency Manager

TODD COUNTY --- GUTHRIE [36.65, -87.17]

04/27/14 21:31 CST	80K	Thunderstorm Wind (EG 83 kt)
04/27/14 21:31 CST	0	Source: Emergency Manager

A microburst, as relayed by the county emergency management director, downed at least 50 to 100 trees or tree limbs along with power lines in a Guthrie subdivision. Damage area was less than 1/4 mile wide and less than 1/8 mile long. Some trees fell on cars, however tree damage to homes was very limited.

MCCRACKEN COUNTY --- 4.0 SW LONE OAK [36.99, -88.72], OAKS [36.97, -88.55]

04/28/14 00:00 CST	0	Heavy Rain
04/28/14 12:00 CST	0	Source: Trained Spotter

A trained spotter several miles southwest of Lone Oak measured 3.36 inches of rain in the 12-hour period ending at midnight. A secondary road in a flood-prone area near the Clarks River was closed. Kentucky Highway 131 was flooded near the Graves County line, but the road remained open.

BALLARD COUNTY --- LA CENTER [37.07, -88.98]

04/28/14 01:00 CST	0	Heavy Rain
04/28/14 05:00 CST	0	Source: Trained Spotter

A trained spotter measured just over 2.5 inches of rain in four hours.

GRAVES COUNTY --- 1.3 WNW MAYFIELD [36.74, -88.65], 1.6 SSE CUBA [36.56, -88.60], 1.9 ESE TRI CITY [36.57, -88.50], 2.2 S GOLO [36.70, -88.49]

Storm Data and Unusual Weather Phenomena - April 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	04/28/14 03:00 CST		0	Flash Flood (due to Heavy Rain)
	04/28/14 08:00 CST		0	Source: Department of Highways

Kentucky Highway 58 at Kentucky 1283 had approximately three feet of running water over the road, and motorists were still trying to drive through it. U.S. Highway 45 South was closed in a low-lying area going into Water Valley due to water over the road. Highway 97 was closed at a bridge between Mayfield and Sedalia. Kentucky Highway 94 was closed near U.S. 45 in Water Valley.

HICKMAN COUNTY --- 2.6 NNE OAKTON [36.71, -89.06], 0.8 S GREENVILLE CROSSING [36.64, -89.07], 0.5 N CROLEY [36.64, -88.93], 1.9 S NEW CYPRESS [36.70, -88.93]

04/28/14 04:05 CST	40K	Flash Flood (due to Heavy Rain)
04/28/14 08:00 CST	0	Source: State Official

Major flash flooding of roads was reported in the Clinton area. Cars were washed into ditches. Emergency vehicles were dispatched to assist stranded motorists.

CALLOWAY COUNTY --- 1.6 SW COPELAND [36.72, -88.42], 2.6 SW TAYLORS STORE [36.50, -88.45], 4.8 SE NEW CONCORD [36.50, -88.09], 2.2 NE FAXON [36.70, -88.12]

04/28/14 05:30 CST	0	Flash Flood (due to Heavy Rain)
04/28/14 06:30 CST	0	Source: Department of Highways

State highway maintenance crews measured about four inches of rain in Calloway County in several hours. Water was over several state roads, including Highway 94 near the 13-mile marker and Highway 121 in the New Concord area.

CARLISLE COUNTY --- ARLINGTON [36.78, -89.02], 1.1 NW BARDWELL [36.88, -89.03], 1.1 NNE CUNNINGHAM [36.93, -88.87], 2.7 WSW MILBURN [36.78, -88.92]

04/28/14 06:15 CST	0	Flash Flood (due to Heavy Rain)
04/28/14 08:00 CST	0	Source: NWS Employee

Roads were flooded and closed on the west end of Arlington. Along U.S. Highway 62, water was up to the pavement in places. Water was over Highway 62 near mile marker 5.

HOPKINS COUNTY --- 1.7 SSW VEAZY [37.43, -87.61], 2.0 NW DAYLIGHT [37.24, -87.65], 2.9 ESE WHITE CITY [37.25, -87.37], 4.1 ESE VANDETTA [37.42, -87.36]

04/28/14 07:56 CST	0	Flood (due to Heavy Rain)
04/28/14 13:00 CST	0	Source: Trained Spotter

A few secondary roads were closed by flooding.

CARLISLE COUNTY --- ARLINGTON [36.78, -89.02], 0.8 NNW BARDWELL [36.88, -89.03], 1.4 E CUNNINGHAM [36.92, -88.85], 2.1 ENE MILBURN [36.81, -88.85]

04/28/14 08:00 CST	0	Flood (due to Heavy Rain)
04/28/14 18:00 CST	0	Source: Law Enforcement

Creeks remained well above their banks, and some back roads were still underwater. The flooding was due to thunderstorms the previous night combined with some light to moderate rain the following day.

FULTON COUNTY --- HICKMAN [36.57, -89.18], 1.5 WNW ANNA LYNNE [36.56, -89.28], 1.5 SW ANNA LYNNE [36.54, -89.27], 1.4 SSE HICKMAN [36.55, -89.17]

04/28/14 08:00 CST	0	Flood (due to Heavy Rain)
04/28/14 18:00 CST	0	Source: Department of Highways

Kentucky Highway 94 was closed between Kentucky Highways 311 and 1099 near Hickman due to water over the road. High water signs were placed at flooded spots on several other state roads in the county. The flooding was due to thunderstorms the previous night combined with light to moderate rain the next day.

GRAVES COUNTY --- 3.5 WSW WATER VLY [36.55, -88.85], 1.7 SW PILOT OAK [36.53, -88.74], 1.3 SSW MAYFIELD [36.71, -88.64], 2.5 WSW DUBLIN [36.72, -88.84]

04/28/14 08:00 CST	0	Flood (due to Heavy Rain)
04/28/14 18:00 CST	0	Source: Department of Highways

Kentucky Highway 58 at Kentucky 1283 had approximately three feet of running water over the road, and motorists were still trying to drive through it. U.S. Highway 45 South was closed in a low-lying area going into Water Valley due to water over the road. Kentucky Highway 94 was closed near U.S. 45 in Water Valley. The flooding was due to thunderstorms the previous night combined with light to moderate rain the next day.

Storm Data and Unusual Weather Phenomena - April 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
HICKMAN COUNTY --- CLINTON [36.67, -88.98], 1.6 W CLINTON [36.67, -89.01], 2.9 ESE MOSCOW [36.61, -88.98], 2.6 S CROLEY [36.59, -88.92]				
	04/28/14 08:00 CST		0	Flood (due to Heavy Rain)
	04/28/14 18:00 CST		0	Source: NWS Storm Survey

Creeks remained well out of their banks, and some back roads were still underwater. U.S. Highway 51 was underwater but passable over the Bayou Du Chien Creek. State highway crews flagged traffic across the bridge. The flooding was due to thunderstorms the previous night combined with light to moderate rain the next day.

A few severe thunderstorms occurred during the afternoon and evening hours. A powerful mid-level shortwave trough and its associated 70-80 knot jet streak translated from the southern high Plains into the upper Midwest. On the heels of this initial shortwave trough, a channeled vorticity maximum and attendant 70-knot jet streak progressed across the southern Plains into southwest Missouri. In association with these features, a 40 to 50 knot southerly low-level jet became established over the Mississippi Valley. Isolated severe thunderstorms occurred during the afternoon hours near a surface warm front lifting north across the Lower Ohio Valley. During the evening, widespread storms including isolated severe storms occurred ahead of a cold front surging eastward across the Ozark Mountains. The strong supply of warm and moist air fueled heavy rainfall and some local flash flooding southwest of a Paducah to Murray line overnight.

FULTON COUNTY --- 0.2 NNE JORDAN [36.50, -89.03], 2.4 SE CAYCE [36.53, -89.00]				
	04/28/14 16:24 CST		30K	Tornado (EF1, L: 2.24 mi , W: 60 yd)
	04/28/14 16:27 CST		0	Source: NWS Storm Survey

This tornado continued northeast across the Tennessee state line from Obion County into Fulton County , Kentucky. By the time the tornado reached Kentucky, it was significantly less destructive. The tornado was witnessed by a number of people, including trained spotters. One church received light to moderate damage. A small portion of the church's metal roof was blown off, and the steeple came down. A nearby small, wooden barn was heavily damaged. There was nearby tree damage. Otherwise, all the known damage occurred in the Tennessee portion of the track. The damage occurred in the vicinity of the intersection of Highways 781 and 166 west of Fulton. Peak winds in the Fulton County portion of the track were near 90 mph.

HICKMAN COUNTY --- 0.4 NE FULHAM [36.65, -88.87], 1.4 NE FULHAM [36.67, -88.85]				
	04/28/14 16:46 CST		2K	Tornado (EF0, L: 1.03 mi , W: 25 yd)
	04/28/14 16:47 CST		0	Source: NWS Storm Survey

Large tree limbs were blown down by this brief tornado. The tornado crossed Highway 58 on the east side of Fulgham and dissipated about a minute later. Peak winds were estimated near 85 mph. This tornado was produced by the same mini-supercell that spawned the EF-2 tornado near Union City, Tennessee and Fulton, Kentucky.

GRAVES COUNTY --- 3.0 SW WINGO [36.62, -88.77]				
	04/28/14 16:48 CST		0	Funnel Cloud
	04/28/14 16:48 CST		0	Source: Trained Spotter

Trained spotters reported a funnel cloud between Water Valley and Wingo.

A couple of isolated tornadoes occurred with a mini-supercell thunderstorm as it tracked across southwest Kentucky. A mid-level disturbance supported the development of storms in a region where sunshine heated and destabilized the atmosphere ahead of a cold front. The cold front was approaching the Mississippi River as the storms developed. The storms intensified as a low-level jet supported an influx of warmer and moister air. Despite marginal instability, the presence of 60 to 80 knots of deep-layer bulk wind shear supported isolated supercells.

Storm Data and Unusual Weather Phenomena - April 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
				

Storm Data and Unusual Weather Phenomena - April 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
				

Photo of tornadic circulation as it passed west of Fulton. Photo courtesy of Steve Perry.

MISSOURI, Southeast

RIPLEY COUNTY --- 8.5 N HILL TOP [36.77, -90.81]

04/03/14 18:40 CST	0	Hail (1.00 in)
04/03/14 18:40 CST	0	Source: Trained Spotter

BUTLER COUNTY --- 0.1 N STRINGTOWN [36.75, -90.58], 0.3 NE STRINGTOWN [36.75, -90.58]

04/03/14 18:56 CST	17K	Tornado (EF0, L: 0.19 mi , W: 50 yd)
04/03/14 18:57 CST	0	Source: NWS Storm Survey

A double wide mobile home had about half of its roof blown off . A couple of trees and tree limbs were blown down . This weak tornado occurred on Missouri Highway M west of Poplar Bluff. Peak winds were estimated near 80 mph.

RIPLEY COUNTY --- DONIPHAN [36.62, -90.82], 5.0 ENE DONIPHAN [36.65, -90.74]

04/03/14 19:03 CST	0	Hail (1.00 in)
04/03/14 19:04 CST	0	Source: Emergency Manager

Wind gusts to 45 mph accompanied the hail.

RIPLEY COUNTY --- 5.0 NE DONIPHAN [36.67, -90.76]

04/03/14 19:07 CST	0	Funnel Cloud
04/03/14 19:07 CST	0	Source: Public

CAPE GIRARDEAU COUNTY --- JACKSON [37.38, -89.67]

04/03/14 19:18 CST	0	Hail (0.75 in)
04/03/14 19:18 CST	0	Source: Trained Spotter

WAYNE COUNTY --- 1.9 NE WAPPAPELLO [36.95, -90.25]

04/03/14 19:24 CST	0	Funnel Cloud
04/03/14 19:24 CST	0	Source: Trained Spotter

A trained spotter reported the funnel cloud extended at least halfway to the ground.

RIPLEY COUNTY --- 5.0 E DONIPHAN [36.62, -90.73]

04/03/14 19:40 CST	0	Hail (1.00 in)
04/03/14 19:40 CST	0	Source: Trained Spotter

STODDARD COUNTY --- PAXICO [36.95, -90.17]

04/03/14 19:53 CST	0	Hail (1.00 in)
04/03/14 19:53 CST	0	Source: Trained Spotter

BUTLER COUNTY --- 1.6 NNE FISK [36.80, -90.21], 2.0 NNE FISK [36.80, -90.20]

04/03/14 20:00 CST	2K	Tornado (EF1, L: 0.55 mi , W: 75 yd)
04/03/14 20:01 CST	0	Source: NWS Storm Survey

The tornado formed near Fisk, right along the Stoddard County line. A very large hardwood tree over three feet in diameter was snapped . A couple of tree tops were down. The tornado was on the ground for just a short time in Butler County. Peak winds were estimated near 90 mph. The tornado crossed the St. Francis River into Stoddard County.

STODDARD COUNTY --- 5.5 SSE DALE [36.80, -90.20], 3.3 E ASHERVILLE [36.89, -90.12]

04/03/14 20:01 CST	8K	Tornado (EF1, L: 7.43 mi , W: 75 yd)
04/03/14 20:12 CST	0	Source: NWS Storm Survey

Storm Data and Unusual Weather Phenomena - April 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
The tornado continued into Stoddard County from Butler County. Hardwood trees were uprooted or snapped. Branches were blown down. One small shed had partial loss of metal roofing and siding. Damage was intermittent along the track, which was over sparsely populated farmland. Peak winds were estimated near 95 mph.				
STODDARD COUNTY --- 3.4 WNW BLOOMFIELD [36.91, -89.98]				
	04/03/14 20:14 CST		0	Funnel Cloud
	04/03/14 20:14 CST		0	Source: Trained Spotter
Two funnel clouds were reported by trained spotters, possibly the remnants of the tornado that moved across western Stoddard County earlier.				
RIPLEY COUNTY --- 4.5 WNW HILL TOP [36.68, -90.87], 5.1 NNW HILL TOP [36.72, -90.83]				
	04/03/14 20:40 CST		50K	Tornado (EF2, L: 3.48 mi , W: 220 yd)
	04/03/14 20:47 CST		0	Source: NWS Storm Survey
Thousands of mature large oak and pine trees were snapped and uprooted. One small shed was destroyed, and one larger metal building was unroofed. Some power and communication lines were blown down. This tornado occurred over heavily forested areas of the Current River Valley between Highway 21 and the Current River. Peak winds were estimated near 120 mph.				
RIPLEY COUNTY --- 3.0 N DONIPHAN [36.66, -90.82]				
	04/03/14 20:44 CST		20K	Thunderstorm Wind (EG 61 kt)
	04/03/14 20:44 CST		0	Source: Emergency Manager
Multiple trees were blown down.				
SCOTT COUNTY --- BLODGETT [37.00, -89.53]				
	04/03/14 20:45 CST		0	Funnel Cloud
	04/03/14 20:45 CST		0	Source: Trained Spotter
A trained spotter observed a funnel cloud at least half way to the ground.				
BUTLER COUNTY --- 1.8 WSW POPLAR BLUFF [36.74, -90.43]				
	04/03/14 21:05 CST		0	Funnel Cloud
	04/03/14 21:05 CST		0	Source: Trained Spotter
BUTLER COUNTY --- POPLAR BLUFF [36.75, -90.40]				
	04/03/14 21:05 CST		10K	Thunderstorm Wind (EG 52 kt)
	04/03/14 21:05 CST		0	Source: Trained Spotter
Trees and power lines were blown down throughout the community.				
BOLLINGER COUNTY --- SEDGEWICKVILLE [37.52, -89.92]				
	04/03/14 21:14 CST		0	Hail (0.75 in)
	04/03/14 21:14 CST		0	Source: Trained Spotter
CAPE GIRARDEAU COUNTY --- TILSIT [37.33, -89.75]				
	04/03/14 21:55 CST		15K	Thunderstorm Wind (EG 61 kt)
	04/03/14 21:55 CST		0	Source: Trained Spotter
Minor roof damage was reported.				
Thunderstorms intensified within a zone of strong southerly low level winds that provided abundant warmth and moisture. These strong low level winds enhanced wind shear, which promoted the development of supercells with isolated tornadoes. The storms formed near a warm front that was draped across southeast Missouri, southern Illinois, and western Kentucky. The storms occurred within a moist and moderately unstable air mass along and behind the warm front.				
RIPLEY COUNTY --- NAYLOR [36.58, -90.60]				
	04/11/14 13:55 CST		0	Hail (1.00 in)
	04/11/14 13:55 CST		0	Source: Emergency Manager
A small cluster of thunderstorms intensified within a zone of southerly low level winds on the back side of a surface high pressure ridge. A broad 500 mb trough over the Plains aided the development of the storms. One of the storms reached marginally severe levels.				

Storm Data and Unusual Weather Phenomena - April 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
(MO-Z076) PERRY, (MO-Z086) BOLLINGER, (MO-Z087) CAPE GIRARDEAU, (MO-Z100) WAYNE, (MO-Z107) CARTER, (MO-Z108) RIPLEY, (MO-Z109) BUTLER, (MO-Z110) STODDARD, (MO-Z111) SCOTT				
	04/15/14 04:00 CST		0	Frost/Freeze
	04/15/14 06:00 CST		45K	
High pressure extending from the middle Missouri Valley to the southern Plains brought unseasonably cold air and a rare mid-April freeze. Except for Mississippi and New Madrid Counties, low temperatures were in the lower 30's. Lows were 31 degrees at Cape Girardeau and 32 degrees at Poplar Bluff.				
(MO-Z076) PERRY, (MO-Z086) BOLLINGER, (MO-Z087) CAPE GIRARDEAU, (MO-Z100) WAYNE, (MO-Z107) CARTER, (MO-Z108) RIPLEY, (MO-Z109) BUTLER, (MO-Z110) STODDARD, (MO-Z111) SCOTT, (MO-Z112) MISSISSIPPI, (MO-Z114) NEW MADRID				
	04/16/14 01:00 CST		0	Frost/Freeze
	04/16/14 07:00 CST		55K	
High pressure moved east across the Ohio Valley, bringing unseasonably cold air and widespread freezing temperatures. Lows were from 29 to 32 degrees at many locations in southeast Missouri. The coldest observed temperature was 29 degrees at Lake Wappapello Dam in Wayne County. Other lows included 30 degrees at Doniphan (Ripley County), 31 degrees at the Cape Girardeau airport, and 32 degrees at the Poplar Bluff airport.				
STODDARD COUNTY --- BERNIE [36.68, -89.97]				
	04/27/14 20:10 CST		0	Hail (0.75 in)
	04/27/14 20:10 CST		0	Source: Emergency Manager
BOLLINGER COUNTY --- 1.3 NNW LUTESVILLE [37.32, -89.99], 1.3 SW LUTESVILLE [37.29, -90.00], 1.1 SSE MARBLE HILL [37.29, -89.96], 1.3 NE MARBLE HILL [37.32, -89.96]				
	04/27/14 21:20 CST		0	Flash Flood (due to Heavy Rain)
	04/28/14 02:00 CST		0	Source: Emergency Manager
Water was over numerous roads in the Marble Hill and Lutesville areas.				
CAPE GIRARDEAU COUNTY --- 0.9 SW MARQUETTE [37.26, -89.58], 0.1 W MARQUETTE [37.27, -89.57]				
	04/27/14 21:25 CST		0.20M	Thunderstorm Wind (EG 83 kt)
	04/27/14 21:26 CST		0	Source: NWS Storm Survey
A microburst blew seven recreational vehicle trailers around, including one that was rotated a complete revolution before landing on a boat. Another rv was blown approximately 50 feet, rolled over and demolished. The damage occurred at the RV park about a mile north of the Cape Girardeau Regional Airport. The RV park was on the west side of Interstate 55 at exit 93. A pole barn next to the RV park was destroyed, with all its walls blown in or out. Dozens of trees and large tree limbs were broken. One house lost approximately 20 percent of its shingles. The damage area was relatively concentrated, about one mile long and 800 yards wide. Peak winds were estimated near 95 mph.				
BUTLER COUNTY --- 1.8 NE LONE HILL [36.72, -90.51], 3.2 SE POPLAR BLUFF [36.72, -90.36], 2.8 SW POPLR BLUFF DAVIS AR [36.87, -90.34], 3.2 N HILLARD [36.88, -90.43]				
	04/27/14 21:40 CST		0.20M	Flash Flood (due to Heavy Rain)
	04/28/14 07:00 CST		0	Source: Emergency Manager
Widespread flooding occurred throughout the county. Water was flowing over numerous roads. Water rescues were being performed. A person was trapped in a car on W Highway, just northwest of Poplar Bluff. The storm total rainfall was 5.48 inches at a location seven miles northwest of Poplar Bluff. A report of 4.8 inches was received from the city of Poplar Bluff. Some erosion damage occurred to rural bridges and roads. Schools were closed the following day in some districts.				
NEW MADRID COUNTY --- 1.2 SSE HOWARDVILLE [36.57, -89.57], 2.1 E NEW MADRID [36.60, -89.49], PARMA [36.62, -89.82], 0.6 ESE RISCO [36.57, -89.81]				
	04/28/14 01:29 CST		0	Flash Flood (due to Heavy Rain)
	04/28/14 07:00 CST		0	Source: Law Enforcement
Numerous roads were underwater. Several roads were closed. Schools were closed the following day in some districts. A storm-total rainfall of 7.9 inches was reported during the past 24 hours at Parma.				
STODDARD COUNTY --- 5.8 SSE POWE [36.59, -90.07], 1.9 NNW IDLEWILD [37.02, -90.12], 1.2 N TOPPERTOWN [36.99, -89.83], 2.7 S MAULSBY [36.61, -89.82]				
	04/28/14 01:47 CST		0	Flash Flood (due to Heavy Rain)
	04/28/14 07:00 CST		0	Source: Law Enforcement

Storm Data and Unusual Weather Phenomena - April 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Several roads were underwater throughout the county.				
RIPLEY COUNTY --- 2.5 S NAYLOR [36.54, -90.60], 3.0 N PRATT [36.57, -90.82], 0.9 NE DONIPHAN [36.63, -90.81], 1.9 N NAYLOR [36.61, -90.60]				
	04/28/14 01:48 CST		0	Flash Flood (due to Heavy Rain)
	04/28/14 04:00 CST		0	Source: Department of Highways

A few state highways were closed due to flooding. Highway 142 was closed at Cypress Creek, west of Oxly. State Routes H and W were closed in the vicinity of Highway 142.

RIPLEY COUNTY --- OXLY [36.60, -90.70], 0.7 ENE DONIPHAN [36.62, -90.81], 2.2 S DONIPHAN [36.59, -90.82], 1.2 S ONLY [36.58, -90.70]				
	04/28/14 04:00 CST		10K	Flood (due to Heavy Rain)
	04/28/14 18:00 CST		0	Source: Department of Highways

Flooding from thunderstorms the previous night, combined with light to moderate rain the following day, kept a few state highways closed. This included Highway 142 between Oxly and Doniphan. A water rescue was conducted late in the day due to a vehicle in the water.

BUTLER COUNTY --- 1.9 W ROMBAUER [36.85, -90.31], 2.7 E HENDRICKSON [36.90, -90.43], 1.5 N LONE HILL [36.72, -90.53], 3.0 S POPLR BLFF FLDS ARPT [36.73, -90.32]				
	04/28/14 07:00 CST		0	Flood (due to Heavy Rain)
	04/29/14 18:45 CST		0	Source: Law Enforcement

Some roads remained underwater, and creeks stayed out of their banks following thunderstorms the previous night and rain the following day. Along the Black River, there was minor flooding of low-lying woods and fields, as well as sections of a park.

NEW MADRID COUNTY --- 0.8 E NEW MADRID [36.60, -89.52], 1.7 SSE NEW MADRID [36.58, -89.52], 2.3 WNW NEW MADRID CO MEM AR [36.55, -89.63], 3.7 SSE BROADWATER [36.53, -89.90], 0.8 WSW LORWOOD [36.62, -89.86]				
	04/28/14 07:00 CST		0	Flood (due to Heavy Rain)
	04/28/14 18:00 CST		0	Source: Law Enforcement

Some roads remained underwater through the day following thunderstorms the previous night.

STODDARD COUNTY --- 2.6 SSE MAULSBY [36.61, -89.81], 0.6 N SHADY DELL [36.98, -89.80], 2.3 SE IDLEWILD [36.98, -90.07], 5.4 SSW POWE [36.60, -90.14]				
	04/28/14 07:00 CST		0	Flood (due to Heavy Rain)
	04/28/14 18:00 CST		0	Source: Trained Spotter

A home in Bernie was flooded with 3 to 6 inches of water. Some roads remained underwater countywide. Creeks stayed out of their banks following thunderstorms the previous night and rain the following day.

Widespread thunderstorms, including a few severe thunderstorms, occurred during the evening hours. A powerful mid-level shortwave trough and its associated 70-80 knot jet streak translated from the southern high Plains into the upper Midwest. On the heels of this initial shortwave trough, a channeled vorticity maximum and attendant 70-knot jet streak progressed across the southern Plains into southwest Missouri. In association with these features, a 40 to 50 knot southerly low-level jet became established over the Mississippi Valley. During the evening, isolated severe storms occurred ahead of a cold front surging eastward across the Ozark Mountains. The strong supply of warm and moist air fueled heavy rainfall and some local flash flooding. Significant flood damage to roads was reported in Butler County.

Storm Data and Unusual Weather Phenomena - April 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
				

A microburst struck a recreational vehicle park near Interstate 55, destroying this recreational vehicle and damaging several others.
Photo courtesy of Rick Shanklin, NWS.